

Specification

CPU	13th Gen Intel® Core™ i5-13420H processor 8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.6 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Microsoft Office	Microsoft Office Home & Student 2021 included
Display	14" FHD+(1920x1200), 165Hz Refresh Rate, IPS-Level, 100%sRGB(Typical)
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 3050 Laptop GPU Up to 2370MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	6GB GDDR6
Integrated Graphics	Intel® UHD Graphics
Memory	8GB*2, DDR5-5200
Memory Slot and Max Capacity	2 Slots, Max 64GB
Storage	512GB*1 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4)
WebCam	IR HD type (30fps@720p)
Keyboard	Per-Key RGB Keyboard
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 6E AX1675, Bluetooth v5.3
Audio	2x 2W Audio Woofer Sound by Dynaudio, Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	1x Type-C (USB / DP / Thunderbolt™ 4) 1x Type-C (USB3.2 Gen2 / DP) with PD charging 1x Type-A USB3.2 Gen2
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Battery	4-Cell 72 Whrs
AC Adapter	200W Adaptor
Dimension (WxDxH)	315 x 246 x 19 mm
Weight (W/ Battery)	1.7 kg
Chassis Color	Star Blue
Certification	Meta Ready
Warranty	2 years limited warranty